

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NONLINEAR SYSTEMS, METHOD OF DESIGN THEREOF AND COMPUTER PROGRAM PRODUCT, the specification of which:

- ☐ is attached hereto.  
☒ was filed on September 1, 2000 as Application Serial No. 09/623,281 and was amended on \_\_\_\_\_.  
☒ was described and claimed in PCT International Application No. PCT/GB99/00550 filed on 2 March 1999.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed	
WIPO	PCT/GB99/00550	2 March 1999	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Great Britain	9804412.6	3 March 1998	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Eric L. Prah, Reg. No. 32,590  
John F. Hayden, Reg. No. 37,640

Frank R. Occhiuti, Reg. No. 35,306  
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Address all correspondence to ERIC L. PRAHL at:

FISH & RICHARDSON P.C.  
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Boston, MA 02110-2804

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

# Combined Declaration and Power of Attorney

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170 Full Name of Inventor: STEPHEN ALEC BILLINGS

Inventor's Signature: [Signature]

Date: 31/10/00

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Citizenship:

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200 Full Name of Inventor: ZI QIANG LANG

Inventor's Signature: [Signature]

Date: 31/10/00

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ATTORNEY DOCKET NO. 12304-002001

Applicant or Patentee: Stephen Alec Billings et al.  
Serial or Patent No.: 09/623,281  
Filed or Issued: September 1, 2000  
For: NONLINEAR SYSTEMS, METHOD OF DESIGN THEREOF AND COMPUTER PROGRAM PRODUCT

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS**  
(37 CFR 1.9(f) and 1.27(d)) — NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of Organization: UNIVERSITY OF SHEFFIELD  
Address of Organization: Mappin Street  
Sheffield S1 3JD  
England  
WESTERN BANK  
SHEFFIELD  
S10 2TN  
ENGLAND

Type of Organization:  
☒ University or Other Institution of Higher Education

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled NONLINEAR SYSTEMS, METHOD OF DESIGN THEREOF AND COMPUTER PROGRAM PRODUCT by inventor(s) STEPHEN ALEC BILLINGS and ZI QIANG LANG described in:

- ☐ the specification filed herewith.  
☒ application serial no. 09/623,281, filed September 1, 2000.  
☐ patent no.     , issued     .

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(e) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention overruling to their status as small entities. (37 CFR 1.27)

Full Name:       
Address:       
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status when any new rule 53 application is filed or prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name:	<u>Dr R A Leach</u>
Title:	<u>Head of I.P.</u>
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Signature: R. A. Leach

Date: October 19th 2000

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